

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((FRIEDRICH) near2 (STOCKL)). INV.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 14:11
S2	7	((KARL) near2 (AMMER)).INV.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 14:11
S3	3	((GUNTER) near2 (NELBOCK)). INV.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 14:11
S4	11	S1 S2 S3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 14:11
S5	231	192/53.34.ccls. not S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 14:11
S6	22	192/53.34.ccls. not S4 and sinter \$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 14:18
S7	33	S1 S2 S3 S6	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 15:43
S8	79	192/53.32.ccls. not S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 15:43
S9	4	192/53.32.ccls. not S7 and sinter \$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 15:43
S10	37	S1 S2 S3 S6 S9	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 15:53
S11	166	192/53.1.ccls. not S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 15:54
S12	5	192/53.1.ccls. not S10 and sinter \$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 15:59
S13	42	S1 S2 S3 S6 S9 S12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 16:08
S14	1676	(192/107R,108.ccls.) not S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 16:09
S15	109	(192/107R,108.ccls.) not S10 and synchro\$8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 16:10

S16	149	S1 S2 S3 S6 S9 S12 S15	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 17:34
S17	199263	"29".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:31
S18	5187	"29".clas. not S16 and synchro \$8	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:32
S19	12	"29".clas. not S16 and synchro \$8 and blocker	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:32
S20	161	S1 S2 S3 S6 S9 S12 S15 S19	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:39
S21	207	"29".clas. not S20 and synchro \$8 and sinter\$4	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:39
S22	47	"29".clas. not S20 and synchro \$8 and sinter\$4 and lubrica\$4	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:40
S23	208	S1 S2 S3 S6 S9 S12 S15 S19 S22	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 18:59
S24	77	192/53.34.ccls. not S23 and block\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 19:01
S25	12	192/53.34.ccls. not S23 and block\$3 and lubrica\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 19:01
S26	220	S1 S2 S3 S6 S9 S12 S15 S19 S22 S25	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:15
S27	73	192/53.32.ccls. not S26	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 19:16
S28	3	192/53.32.ccls. not S26 and block\$3 and lubrica\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/04 19:16
S29	223	S1 S2 S3 S6 S9 S12 S15 S19 S22 S25 S28	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:18
S30	52	F16D013/24.ipc. not S29	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:18
S31	275	S1 S2 S3 S6 S9 S12 S15 S19 S22 S25 S28 S30	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:48
S32	230	192/53.32,53.34.ccls. not S31	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:48

S33	44	192/53.32,53.34.ccls. not S31 and blocker	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 19:49
S34	8	192/53.1,53.32,53.34.ccls. and block\$3 and sinter\$4	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 21:34
S35	21	("3700083" "4267912" "4413715" "4566568" "4677868" "4732247" "4823631").PN. OR ("5135087"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 21:45
S36	10	"508976"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 21:59
S37	40	("2190964" "2221900" "2364331" "2478355" "2488044" "2993579" "3035674" "3272291" "3366208" "3414098" "3700083" "4428469" "4584892" "4660707" "4776228" "4809832" "4828087" "4830158" "4842112" "4875566" "4889003" "5036719" "5113986" "5131285" "5269400" "5339936").PN. OR ("5620075").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 22:23
S38	363	S1 S2 S3 S6 S9 S12 S15 S19 S22 S25 S28 S30 S33 S34 S35 S36 S37	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 22:37
S39	174	192/53.32,53.34.ccls. not S38	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/04 22:37
S40	3	("4698889" "5788036" "6588563").PN. OR ("7134537"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 23:03
S41	7	("3700083" "4267912" "4413715" "4566568" "4677868" "4732247" "4823631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 23:35
S42	15	Synchron\$8 adj ring same radial same (lubrica\$4 oil)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/05 11:39
S43	0	"19853856"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/05 11:45
S44	1	"20050016307".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/05 14:33
S47	5	"7258214"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/05 16:19

S48	3	("4698889" "4886831" "5788036").PN. OR ("6547052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/19 19:12
S49	3	192/53.32,53.34.ccls. and @pd>"20090605"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 19:17
S50	167	192/53.32,53.34.ccls. and ((synchro\$8 near2 ring) blocker)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 19:19
S52	163	"29".clas. and ((synchro\$8 near2 ring) blocker) not S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 19:38
S53	331	S48 S49 S50 S52	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 20:05
S54	33	192/107R,108.ccls. and ((synchro\$8 near2 ring) blocker) not S53	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 20:07
S55	17	192/53.1.ccls. and ((synchro\$8 near2 ring) blocker) not S53 not S54	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 20:11
S56	2	192/113.1,113.5.ccls. and ((synchro\$8 near2 ring) blocker) not S53 not S54 not S55	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 20:18
S59	101	(bond\$3 weld\$3) same lubrica \$4 same (radial near3 (gap hole opening passage))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 21:14
S65	35	((synchro\$8 near2 ring) blocker) and (driver near2 ring)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/19 23:59
S66	2	("2380559").URPN.	USPAT	OR	ON	2010/01/20 00:09
S68	65	(josef near2 schwuger).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/20 00:19
S85	2	"3519811".pn.	DERWENT	OR	ON	2010/01/20 11:31
S89	5	(Hoerbiger near Antriebstechnik near GmbH).as. and ((synchro \$8 near2 ring) block\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 11:53
S90	2	(Hoerbiger near Antriebstechnik near GmbH).as. and ((synchro \$8) block\$2) not S89	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 11:53
S92	9	"19853894".pn. "3225364".pn. "3808460".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/20 12:18
S94	36	192/113.34.ccls. and synchro\$8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 17:57
S96	1017	74/339.ccls. not 192/53.32,53.34.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 18:00

S98	517	74/339.ccls. not 192/53.32,53.34.ccls. and synchro\$8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 18:03
S101	1067	f16d023/06.ipc. not 192/53.32,53.34.ccls. not S98 not S94	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 18:33
S102	496	74/339.ccls. not 192/53.32,53.34.ccls. not S98 not S101	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/20 23:23

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S104	25	(synchro\$8 and (gear teeth) and (cone ring clutch) and (driver stop flange spline) and (radial near2 (gap groove opening hole passage))) .clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/21 13:51

1 / 22 / 2010 2:13:58 PM

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STOP CONTROL\ 10586242 SYNCHRONIZATION DEVICE FOR A CHANGE SPEED GEAR.wsp**